

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1           **Claim 1 (withdrawn):** An operating system for managing  
2           a plurality of tasks, comprising:

3                 a storing means for storing execution information  
4           containing execution states of hardware devices in  
5           respective tasks;

6                 a request receiving means for receiving at least one  
7           request of a power-supply ON request and a power-supply OFF  
8           request to the hardware devices; and

9                 a power-supply switching/controlling means for  
10          controlling process execution of the request based on the  
11          execution information, and not-performing the process  
12          execution of the power-supply ON request or the  
13          power-supply OFF request when other task is using the  
14          hardware devices if at least one task issues at least one  
15          of the power-supply ON request and the power-supply OFF  
16          request to at least one hardware device.

1           **Claim 2 (withdrawn):** An operating system for managing  
2           a plurality of tasks, comprising:

3                 a storing means for storing power-saving mode  
4           information of hardware devices in respective tasks;

5                 a request receiving means for receiving a power-saving  
6           mode switching request; and

7           a power-saving mode switching/controlling means for  
8     controlling process execution of the request based on the  
9     power-saving mode information, and setting a power-saving  
10    mode based on the power-saving mode information of a  
11    switched task when the task is switched.

1           **Claim 3 (withdrawn):** An operating system according to  
2     claim 2, wherein the power-saving mode  
3     switching/controlling means can set/change the power-  
4     saving mode based on the power-saving mode information  
5     during the execution of the task.

1           **Claim 4 (withdrawn):** An operating system according to  
2     claim 2 or 3, further comprising a priority comparing means  
3     for comparing execution priorities of the tasks or  
4     priorities of the power-saving mode information, and  
5     wherein the power-saving mode switching/controlling  
6     means sets/changes the power-saving mode based on a  
7     compared result of the priorities during the execution of  
8     the task.

1           **Claim 5 (withdrawn):** An operating system for managing  
2     a plurality of tasks, comprising:  
3     a storing means for storing power-saving mode  
4     information of hardware devices in respective tasks and  
5     power-savings mode information of a concerned operating  
6     system itself;

7           a request receiving means for receiving a power-saving  
8       mode switching request; and

9           a power-saving mode switching/controlling means for  
10       controlling process execution of the request based on the  
11       power-saving mode information, and setting/changing a  
12       power-saving mode by comparing the power-saving mode  
13       information of the task with the power-saving mode  
14       information of the operating system itself.

1           **Claim 6 (withdrawn):** An operating system for managing  
2       a plurality of tasks, comprising:

3           a storing means for storing power-saving mode  
4       information of hardware devices in respective tasks and  
5       power-saving mode information of a concerned operating  
6       system itself;

7           a request receiving means for receiving a power-saving  
8       mode switching request; and

9           a power-saving mode switching/controlling means for  
10       controlling process execution of the request based on the  
11       power-saving mode information, and setting/changing a  
12       power-saving mode by comparing the power-saving mode  
13       information of a switched task with the power-saving mode  
14       information of the operating system itself when the task is  
15       switched.

1           **Claim 7 (withdrawn):** An operating system for managing  
2       a plurality of tasks, comprising:

3 a storing means for storing periodic-timer information  
4 of hardware devices in respective tasks;

5 a request receiving means for receiving a  
6 periodic-timer switching request; and

7 a periodic-timer switching/controlling means for  
8 controlling process execution of the request based on the  
9 periodic-timer information, and setting a periodic-timer  
10 based on the periodic-timer information of a switched when  
11 the task is switched.

1 **Claim 8 (withdrawn):** An operating system according to  
2 claim 7, wherein the periodic-timer switching/controlling  
3 means can set/change the periodic-timer based on the  
4 periodic-timer information during th execution of the task.

1 **Claim 9 (withdrawn):** An operating system according to  
2 claim 7 or 8, further comprising a priority comparing means  
3 for comparing execution priorities of the tasks or  
4 priorities of the periodic-timer information, and

5 wherein the periodic-timer switching/controlling means  
6 sets/changes the periodic-timer based on a compared result  
7 of the priorities during the execution of the task.

1 **Claim 10 (withdrawn):** An operating system for  
2 managing a plurality of tasks, comprising:

3 a storing means for storing periodic-timer information  
4 of hardware devices in respective tasks and periodic-timer

5 information of a concerned operating system itself;  
6 a request receiving means for receiving a  
7 periodic-timer switching request; and  
8 a power-saving mode switching/controlling means for  
9 controlling process execution of the request based on the  
10 periodic-timer information, and setting/changing a  
11 periodic-timer by comparing the periodic-timer information  
12 of the task with the periodic-timer information of the  
13 operating system itself.

1 **Claim 11 (withdrawn):** An operating system for  
2 managing a plurality of tasks, comprising:

3 a storing means for storing periodic-timer information  
4 of hardware devices in respective tasks and periodic-timer  
5 information of a concerned operating system itself;

6 a request receiving means for receiving a  
7 periodic-timer switching request; and

8 a periodic-timer switching/controlling means for  
9 controlling process execution of the request based on the  
10 periodic-timer information, and setting/changing a  
11 periodic-timer by comparing the periodic-timer information  
12 of a switched task with the periodic-timer information of  
13 the operating system itself when the task is switched.

1 **Claim 12 (currently amended):** A virtual computer  
2 system comprising:

3 an executing/controlling means for

4       executing/controlling at least one of operating systems set  
5       forth in ~~claims 1 to 11~~claim 1.

1           Claim 13 (currently amended):    A virtual computer  
2       system for executing/controlling a plurality of operating  
3       systems, comprising:

4           a storing means for storing execution information  
5       containing an execution state[[s]] of each of a plurality  
6       of hardware devices in respective operating systems;

7           a request receiving means for receiving at least one  
8       ~~request~~ of a power-supply ON request and a power-supply OFF  
9       request to one or more of the hardware devices from one of  
10       the plurality of operating systems; and

11          a power-supply switching/controlling means for  
12       controlling process execution of the request based on the  
13       stored execution information, and not-performing the  
14       process execution of the ~~power-supply ON request or the~~  
15       ~~power supply OFF request~~ when another operating system is  
16       using one or more of the hardware devices ~~if at least one~~  
17       ~~operating system issues at least one of the power-supply ON~~  
18       ~~request and the power-supply OFF request to at least one~~  
19       ~~hardware device.~~

1           Claim 14 (currently amended):    A virtual computer  
2       system for executing/controlling a plurality of operating  
3       systems, comprising:

4           a storing means for storing power-saving mode

5 information of each of a plurality of hardware devices in  
6 respective operating systems;

7 a request receiving means for receiving a power-saving  
8 mode switching request from one of the operating systems;  
9 and

10 a power-saving mode switching/controlling means for  
11 controlling process execution of the request based on the  
12 stored power-saving mode information, and ~~setting~~waiting to  
13 set a power saving mode, according to the request, until  
14 the computer system based on the power saving mode  
15 information of a switched operating system when the  
16 operating system is switched to said one of the operating  
17 systems.

1 **Claim 15 (original):** A virtual computer system  
2 according to claim 14, wherein the power-saving mode  
3 switching/controlling means can set/change the power-saving  
4 mode based on the power-saving mode information during the  
5 execution of the operating system.

1 **Claim 16 (original):** A virtual computer system  
2 according to claim 14 or 15, further comprising a priority  
3 comparing means for comparing execution priorities of the  
4 operating systems or priorities of the power-saving mode  
5 information, and

6 wherein the power-saving mode switching/controlling  
7 means sets/changes the power-saving mode based on a

8 compared result of the priorities during the execution of  
9 the operating system.

1 **Claim 17 (currently amended):** A virtual computer  
2 system for executing/controlling a plurality of operating  
3 systems, comprising:

4 a storing means for storing power-saving mode  
5 information of each of a plurality of hardware devices in  
6 respective operating systems and for saving power-saving  
7 mode information of ~~a concerned~~the virtual computer ~~itself~~;

8 a request receiving means for receiving a power-saving  
9 mode switching request; and

10 a power-saving mode switching/controlling means for  
11 controlling process execution of the request based on the  
12 power-saving mode information, and setting/changing a  
13 power-saving mode by comparing the power-saving mode  
14 information of the operating system with the power-saving  
15 mode information of the virtual computer system ~~itself~~.

1 **Claim 18 (currently amended):** A virtual computer  
2 system for executing/controlling a plurality of operating  
3 systems, comprising:

4 a storing means for storing power-saving mode  
5 information of each of a plurality of hardware devices in  
6 respective operating systems and for saving power-saving  
7 mode information of ~~a concerned~~the virtual computer system  
8 ~~itself~~;



9 a request receiving means for receiving a power-saving  
10 mode switching request; and

11 a power-saving mode switching/controlling means for  
12 controlling process execution of the request based on the  
13 power-saving mode information, and setting/changing a  
14 power-saving mode by comparing the power-saving mode  
15 information of a switched operating system with the  
16 power-saving mode information of the virtual computer  
17 system ~~itself~~ when the operating system is switched.

1 **Claim 19 (withdrawn):** A virtual computer system for  
2 executing/controlling a plurality of operating systems,  
3 comprising:

4 a storing means for storing periodic-timer information  
5 of hardware devices in respective operating systems;

6 a request receiving means for receiving periodic-timer  
7 switching request; and

8 a periodic-timer switching/controlling means for  
9 controlling process execution of the request based on the  
10 periodic-timer information, and setting a periodic-timer  
11 based on the periodic-timer information of a switched when  
12 the operating system is switched.

1 **Claim 20 (withdrawn):** A virtual computer system  
2 according to claim 19, wherein the periodic-timer  
3 switching/controlling means can set/change the  
4 periodic-timer based on the periodic-timer information

5 during the execution of the operating system.

1       **Claim 21 (withdrawn):** A virtual computer system  
2 according to claim 19 or 20, further comprising a priority  
3 comparing means for comparing execution priorities of the  
4 operating systems or priorities of the periodic-timer  
5 information, and

6       wherein the periodic-timer switching/controlling means  
7 sets/changes the periodic-timer based on a compared result  
8 of the priorities during the execution of the operating  
9 system.

1       **Claim 22 (withdrawn):** A virtual computer system for  
2 executing/controlling a plurality of operating systems,  
3 comprising:

4       a storing means for storing periodic-timer information  
5 of hardware devices in respective operating systems and  
6 periodic-timer information of a concerned virtual computer  
7 system itself;

8       a request receiving means for receiving a  
9 periodic-timer switching request; and

10       a power-saving mode switching/controlling means for  
11 controlling process execution of the request based on the  
12 periodic-timer information, and setting/changing a  
13 periodic-timer by comparing the periodic-timer information  
14 of the operating system with the periodic-timer information  
15 of the virtual computer system itself.

1       **Claim 23 (withdrawn):** A virtual computer system for  
2       executing/controlling a plurality of operating systems,  
3       comprising:

4           a storing means for storing periodic-timer information  
5       of hardware devices in respective operating systems and  
6       periodic-timer information of a concerned virtual computer  
7       system itself;

8           a request receiving means for receiving a  
9       periodic-timer switching request; and

10          a periodic-timer switching/controlling means for  
11       controlling process execution of the request based on the  
12       periodic-timer information, and setting/changing a  
13       periodic-timer by comparing the periodic-timer information  
14       of a switched operating system with the periodic-timer  
15       information of the virtual computer system itself when the  
16       operating system is switched.

1       **Claim 24 (new):** A virtual computer system for  
2       executing/controlling a plurality of operating systems,  
3       comprising:

4           a storage device for storing power-saving mode  
5       information about a hardware device with respect to each of  
6       said plurality of operating systems;

7           a request receiving means for receiving a power-saving  
8       mode switching request for the hardware device; and

9           a power-saving mode switching/controlling means for

10       controlling process execution of the request based on the  
11       stored power-saving mode information, wherein the device is  
12       not changed to a power-saving mode despite said request to  
13       do so if any of the stored power-saving mode information  
14       shows the device in use by any one or more of said  
15       plurality of operating systems.